

### Environmental Compliance

The Town submitted its final Completion Report to EPA on January 31, 2005 and by doing so completed its three year enforcement agreement with EPA. After reviewing the Report, EPA sent the Town a letter in February 2005 confirming the Town's compliance with the three year enforcement agreement. In the letter to the Town, EPA stated that the Town had met or exceeded all obligations contained in the enforcement agreement. They confirmed that the Town has initiated 28 Pollution Prevention projects and that the ECO has exceeded the required work hours (2,780 hours) contained in the agreement. A summary table of the 28 projects, their status and benefits follows.

#### Pollution Prevention (P2) Project Benefits

<b>P2 Project</b>	<b>P2 Project Status</b>	<b>Benefits</b>
Antifreeze Recycling	Antifreeze machine is purchased.	Eliminated the antifreeze waste stream (300 gallons annually) and saved \$800 annually with pay back of 2.5 years.
Reuse of Street Sweepings	DEP approved two year demonstration project to mix street sweepings and compost.	Eliminated the sweepings waste stream (1000 tons annually) avoiding disposal cost of \$25 per ton and converted a waste to a product (soil conditioner).
Chemical Management Controls for the High School	Chemical purchasing and inventory controls are completed for the High School Science Department	Reduced volume of chemicals and saved the cost of chemicals (\$700 in first year).
PAYT	Fully implemented program.	Increased recycling rate to 30% of MSW, saving about \$50,000 in disposal cost and collecting about \$20,000 for recycled paper.
Springvale EMS	Addressing 9 nonconformance items identified in a third party audit of the Springvale Environmental Management System (EMS) and preparing for the third part audit	A third party "dress rehearsal" audit showed 85%-90% conformance with the ISO 14001 EMS Standard. An EMS SOP could save \$40,000 in avoided costs for back-up

		equipment.
<b>P2 Project</b>	<b>P2 Project Status</b>	<b>Benefits</b>
Multi-Town Purchasing Cooperative	“Green” products are on the TEC bid.	Too early to measure benefits outside of raising the awareness of “green” purchasing in 40 communities in TEC.
Junk Mail for Clerks Office	Project has been Completed	Reduced Junk mail by 90% in the Clerks Office.
Junk Mail for Town Offices	Program was inconclusive	Some offices received less Junk Mail, some noted no change and one office noted an increase in junk mail.
Recycling for Town Departments	Continue to monitor increase in recycling rates for each Department	Two fold increase in the amount of paper and cardboard recycled in Town Buildings
Recycling for Schools	Recycling equipment has been placed in all schools.	Increased recycling rates for paper and cardboard by 20%
Recycled Laser Printer Cartridges Program for Schools	All laser printers in the school department are using recycled laser printer cartridges	Approximately, 150 laser jet printers are using recycled cartridges saving 10% to 50% of the cost of new cartridges
Electronic Purchase Ordering	Purchasing agent is on board and software has been installed. The next step is to train staff on the use of electronic purchase order process.	Too early to measure benefits outside of awareness of using less paper.
E-Bay Account	Need to establish bank account E-Bay.	Too early to measure benefits
Green Pages	The first issue has been sent to Natick residents	EPP knowledge will be transferred to the residents of Natick
Lighting Improvements	Need to complete an evaluation and prioritize improvements in schools and buildings to receive NSTAR 80/20 incentive for high efficiency lighting improvements.	Early results on two projects resulted in \$22,600 in cost savings (80%) with a Town cost of \$5,500 (20%) and an estimated pay back period of 2 years in reduced electricity use.
Aqueous Parts Cleaner	An aqueous parts cleaner is purchased	Eliminated a cleaning solvent waste stream (100 gallons annually) saving \$500 annually with a five year pay

		back period.
<b>P2 Project</b>	<b>P2 Project Status</b>	<b>Benefits</b>
Mercury Recovery Program	Need to include mercury containing waste products on inspection check list for building inspector.	BOH has noted a 4 fold increase in the number thermostats collected after adopting regulations (133 thermostats and 1.5 pounds of Mercury)
Energy Star Program	Benchmarking effort for schools is complete and the energy evaluation site visit for the Lilja Elementary School is complete.	Lighting Improvements have been completed at several Town buildings and energy reductions noted. Memorial School is a possible Energy Star Building
Cities for Climate Protection Campaign	Inventory Software was purchased and inventory of Town Green House Gas (GHG) emission is started	Too early to measure benefits outside of awareness of the GHG issue.
Heating System Improvement Project	Project is on hold pending funding.	Alternative heating options are being evaluated but too early to measure benefit.
Library Old Book Recycling Project	Project has been completed.	Reused or recycled estimated 5,500 old books collected annually
IPM Project	Project has been completed.	Used less aggressive pesticide on the Golf Course
EPP Janitorial Supplies Checklist Project	Project has been completed.	Reduced the number of cleaning products by 40% by raising awareness of health concerns with cleaning products
Paint Color Reduction in Schools Project	Project has been completed.	Reduced the amount of paint wasted and costs spent by reducing the number of different colors allowing the purchase of larger volumes of paint at less cost (saved \$8000 in one year)
Recycled Products Purchasing Policy Project	Project has been completed	Increased the percent of duplex copying jobs to 80% from approximately 10%.
“Business Mentor” High School Project	Project has been completed	All science teachers at the High School (12 staff) have EH and S training
Library Recycling Project	Project has been completed	Increased the recycling rate 2 fold at the library (cardboard

		and paper)
<b>P2 Project</b>	<b>P2 Project Status</b>	<b>Benefits</b>
“Toxic Free” Trash Project	Project has been Completed	Over 2000 households in Natick were given information packets on reducing the use and disposal of “Toxics”. There have been no worker health related incidents since then

Because of its innovative work on the Springvale Water Treatment Plant Environmental Management System (EMS) the Town was selected by EPA to be one of five towns located nationally to help the EPA develop case studies for water and wastewater treatment departments. The goal of the case studies is to provide a deeper look into the experiences and insights of water and wastewater treatment organizations that have successfully implemented an EMS and to share those experiences and insights with other like organizations. A copy of the report can be found at the following web site, [www.peercenter.net](http://www.peercenter.net). Look for the Natick case study in the EMS Case Studies in the Public Water Sector report.

The Town continues to integrate environmental compliance in its operation and this year will likely, implement the new federally mandated Storm Water Permitting Program. EPA has reported that Storm Water is one of the largest sources of pollution to our lakes, ponds, rivers, streams and wetlands. As a result, the EPA is requiring that communities develop a Storm Water Management Plan. The Plan explains six measures the Town will implement to help improve the quality of its storm water. Please visit the Department of Public Works website for more detail. Three of the measures require that the Town develop a requirement (Bylaws and Regulations) to stop illegal discharges to the Town’s storm water collection system and to stop pre and post construction site runoff and storm water control. Draft bylaws and regulations are likely to go to spring town meeting for approval.

Finally, the Town continues to work on cleaning up its oil tank sites. Of the original 19 Town owned oil tank sites only 3 sites remain in the monitoring phase of clean-up. The sites are the Lilja Elementary School, the Natick Court House and the Murphy Recreation Area.